

WEST Search History

DATE: Monday, April 24, 2006

Hide?	Set Name	Query	Hit Count
		<i>DB=PGPB; PLUR=YES; OP=ADJ</i>	
<input type="checkbox"/>	L4	US-20040214294-A1.did.	1
<input type="checkbox"/>	L3	US-20040214294-A1.did.	1
		<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI; PLUR=YES; OP=ADJ</i>	
<input type="checkbox"/>	L2	L1 and galP	25
<input type="checkbox"/>	L1	galactose and permease	474

END OF SEARCH HISTORY

WEST Search History (Inventor Search)

DATE: Monday, April 24, 2006

Hide?	Set Name	Query	Hit Count
		<i>DB=PGPB; PLUR=YES; OP=ADJ</i>	
<input type="checkbox"/>	L5	US-20040214294-A1.did.	1
<input type="checkbox"/>	L4	US-20040214294-A1.did.	1
		<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI; PLUR=YES; OP=ADJ</i>	
<input type="checkbox"/>	L3	L2 and (mechthild or rieping)	2
<input type="checkbox"/>	L2	L1 and GalP	25
<input type="checkbox"/>	L1	galactose and permease	474

END OF SEARCH HISTORY



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Structure

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PMC

J

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for #34 and overproduction

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- Search History will be lost after eight hours of inactivity.
- To combine searches use # before search number, e.g., #2 AND #6.
- Search numbers may not be continuous; all searches are represented.
- Click on query # to add to strategy

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Time Result

#39 Search #34 and overproduction	13:44:08	0
#38 Search #34 and overprod	13:44:02	0
#37 Search #34 and threonine	13:43:28	0
#36 Search #34 and overexpression	13:42:57	1
#35 Search #34 and overexpress	13:42:50	0
#34 Search #33 and coli	13:42:15	30
#33 Search #32 and galP	13:41:57	35
#32 Search galactose and permease	13:41:44	932
#31 Search thrABC	13:41:04	2
#29 Search #28 and tdh	13:39:53	12
#28 Search #27 and coli	13:39:30	36
#27 Search threonine dehydrogenase	13:39:16	93

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Apr 19 2006 11:55:52

STN search summary
10/812315

=> d his

(FILE 'HOME' ENTERED AT 14:34:39 ON 24 APR 2006)

FILE 'CAPLUS' ENTERED AT 14:34:47 ON 24 APR 2006

L1 942 S/GALP
L2 207 S GALACTOSE AND PERMEASE
L3 13 S L1 AND L2
L4 1932 S THREONINE AND DEHYDROGENASE
L5 481 S TDH
L6 80 S L4 AND L5
L7 67 S L6 AND COLI
L8 60 S THRABC
L9 55 S L8 AND THREONINE
L10 54 S L9 AND COLI
L11 54 S L10 AND (OVEREXP? OR AMINO OR THREONINE)
L12 0 S L3 AND L7
L13 0 S L3 AND L11

galp or (galactose (A) permease)
(and)
Escherichia or coli

=> d L3 1-13

L3 ANSWER 1 OF 13 CAPLUS COPYRIGHT 2006 ACS on STN
AN 2005:1335889 CAPLUS
DN 144:272707
TI Expression of galactose permease and pyruvate
carboxylase in Escherichia coli ptsG mutant increases the growth rate and
succinate yield under anaerobic conditions
AU Wang, Qingzhao; Wu, Chanyuan; Chen, Tao; Chen, Xun; Zhao, Xueming
CS Department of Biochemical Engineering, School of Chemical Engineering and
Technology, Tianjin University, Tianjin 300072, Peop. Rep. China
SO Biotechnology Letters (2006), 28(2), 89-93
CODEN: BILED3; ISSN: 0141-5492
PB Springer
DT Journal
LA English
RE.CNT 15 THERE ARE 15 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 2 OF 13 CAPLUS COPYRIGHT 2006 ACS on STN
AN 2004:665499 CAPLUS
DN 141:394135
TI Metabolic engineering and protein directed evolution increase the yield of
L-phenylalanine synthesized from glucose in Escherichia coli
AU Baez-Viveros, Jose Luis; Osuna, Joel; Hernandez-Chavez, Georgina; Soberon,
Xavier; Bolivar, Francisco; Gosset, Guillermo
CS Departamento de Ingenieria Celular y Biocatalisis, Instituto de
Biotecnologia, Universidad Nacional Autonoma de Mexico, Morelos, 62250,
Mex.
SO Biotechnology and Bioengineering (2004), 87(4), 516-524
CODEN: BIBIAU; ISSN: 0006-3592
PB John Wiley & Sons, Inc.
DT Journal
LA English
RE.CNT 33 THERE ARE 33 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 3 OF 13 CAPLUS COPYRIGHT 2006 ACS on STN
AN 2004:177143 CAPLUS
DN 140:353571
TI In silico and transcriptional analysis of carbohydrate uptake systems of
Streptomyces coelicolor A3(2)
AU Bertram, Ralph; Schlicht, Maximilian; Mahr, Kerstin; Nothhaft, Harald;
Saier, Milton H., Jr.; Titgemeyer, Fritz
CS Lehrstuhl fuer Mikrobiologie, Friedrich-Alexander-Universitaet
Erlangen-Nuernberg, Erlangen, 91058, Germany
SO Journal of Bacteriology (2004), 186(5), 1362-1373
CODEN: JOBAAY; ISSN: 0021-9193
PB American Society for Microbiology
DT Journal
LA English
RE.CNT 66 THERE ARE 66 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 4 OF 13 CAPLUS COPYRIGHT 2006 ACS on STN
AN 2003:643336 CAPLUS
DN 139:291159

TI Altered Glucose Transport and Shikimate Pathway Product Yields in E. coli
AU Yi, Jian; Draths, K. M.; Li, Kai; Frost, J. W.
CS Department of Chemistry, Michigan State University, East Lansing, MI,
48824, USA
SO Biotechnology Progress (2003), 19(5), 1450-1459
CODEN: BIPRET; ISSN: 8756-7938
PB American Chemical Society
DT Journal
LA English
RE.CNT 52 THERE ARE 52 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 5 OF 13 CAPLUS COPYRIGHT 2006 ACS on STN
AN 2003:638387 CAPLUS
DN 139:322360
TI Expression of galP and glk in a Escherichia coli PTS mutant
restores glucose transport and increases glycolytic flux to fermentation
products
AU Hernandez-Montalvo, Veronica; Martinez, Alfredo; Hernandez-Chavez,
Georgina; Bolivar, Francisco; Valle, Fernando; Gosset, Guillermo
CS Departamento de Microbiologia Molecular, Instituto de Biotecnologia,
Universidad Nacional Autonoma de Mexico, UNAM AP 510-3, Cuernavaca,
Morelos, 62271, Mex.
SO Biotechnology and Bioengineering (2003), 83(6), 687-694
CODEN: BIBIAU; ISSN: 0006-3592
PB John Wiley & Sons, Inc.
DT Journal
LA English
RE.CNT 29 THERE ARE 29 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 6 OF 13 CAPLUS COPYRIGHT 2006 ACS on STN
AN 2003:85947 CAPLUS
DN 138:315512
TI Characterization, expression, and mutation of the Lactococcus lactis
galPMKTE genes, involved in galactose utilization via the Leloir
pathway
AU Grossiord, Benoit P.; Luesink, Evert J.; Vaughan, Elaine E.; Arnaud,
Alain; de Vos, Willem M.
CS NIZO Food Research, Wageningen University, Wageningen, 6703 CT, Neth.
SO Journal of Bacteriology (2003), 185(3), 870-878
CODEN: JOBAAY; ISSN: 0021-9193
PB American Society for Microbiology
DT Journal
LA English
RE.CNT 60 THERE ARE 60 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 7 OF 13 CAPLUS COPYRIGHT 2006 ACS on STN
AN 2002:357255 CAPLUS
DN 137:106231
TI Analysis of carbon metabolism in Escherichia coli strains with an inactive
phosphotransferase system by 13C labeling and NMR Spectroscopy
AU Flores, S.; Gosset, G.; Flores, N.; de Graaf, A. A.; Bolivar, F.
CS Departamento de Microbiologia Molecular, Instituto de Biotecnologia,
Universidad Nacional Autonoma de Mexico, Cuernavaca, 62250, Mex.
SO Metabolic Engineering (2002), 4(2), 124-137
CODEN: MEENFM; ISSN: 1096-7176
PB Elsevier Science
DT Journal
LA English
RE.CNT 36 THERE ARE 36 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 8 OF 13 CAPLUS COPYRIGHT 2006 ACS on STN
AN 2001:335303 CAPLUS
DN 136:64949
TI Genes involved in control of galactose uptake in Lactobacillus
brevis and reconstitution of the regulatory system in Bacillus subtilis
AU Djordjevic, Gordana M.; Tchieu, Jason H.; Saier, Milton H., Jr.
CS Department of Biology, University of California at San Diego, La Jolla,
CA, 92093, USA
SO Journal of Bacteriology (2001), 183(10), 3224-3236
CODEN: JOBAAY; ISSN: 0021-9193
PB American Society for Microbiology
DT Journal
LA English
RE.CNT 46 THERE ARE 46 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 9 OF 13 CAPLUS COPYRIGHT 2006 ACS on STN
AN 1997:16305 CAPLUS
DN 126:55889
TI Functional characterization of roles of GalR and GalS as regulators of the

gal regulon
AU Geanacopoulos, Mark; Adhya, Sankar
CS Lab. of Mol. Biology, National Inst. of Health, Bethesda, MD, 20892-4255,
USA
SO Journal of Bacteriology (1997), 179(1), 228-234
CODEN: JOBAAY; ISSN: 0021-9193
PB American Society for Microbiology
DT Journal
LA English
RE.CNT 20 THERE ARE 20 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 10 OF 13 CAPLUS COPYRIGHT 2006 ACS on STN
AN 1981:421052 CAPLUS
DN 95:21052
TI Regulation of methyl .beta.-galactoside permease activity in pts
and crr mutants of Salmonella typhimurium
AU Postma, Pieter W.; Schuitema, Anja; Kwa, Chunglin
CS B. C. P. Jansen Inst., Univ. Amsterdam, Amsterdam, Neth.
SO Molecular and General Genetics (1981), 181(4), 448-53
CODEN: MGGEAE; ISSN: 0026-8925
DT Journal
LA English

L3 ANSWER 11 OF 13 CAPLUS COPYRIGHT 2006 ACS on STN
AN 1978:117729 CAPLUS
DN 88:117729
TI 2-Deoxygalactose, a specific substrate of the Salmonella typhimurium
galactose permease: its use for the isolation of
galP mutants
AU Nagelkerke, F.; Postma, P. W.
CS B. C. P. Jansen Inst., Univ. Amsterdam, Amsterdam, Neth.
SO Journal of Bacteriology (1978), 133(2), 607-13
CODEN: JOBAAY; ISSN: 0021-9193
DT Journal
LA English

L3 ANSWER 12 OF 13 CAPLUS COPYRIGHT 2006 ACS on STN
AN 1977:597075 CAPLUS
DN 87:197075
TI Location of galP, a gene which specifies galactose
permease activity, on the Escherichia coli linkage map
AU Riordan, Claudia; Kornberg, H. L.
CS Dep. Genet., Univ. Leeds, Leeds, UK
SO Proceedings of the Royal Society of London, Series B: Biological Sciences
(1977), 198(1133), 401-10
CODEN: PRLBA4; ISSN: 0962-8452
DT Journal
LA English

L3 ANSWER 13 OF 13 CAPLUS COPYRIGHT 2006 ACS on STN
AN 1977:102928 CAPLUS
DN 86:102928
TI Galactose transport in Salmonella typhimurium
AU Postma, P. W.
CS B. C. P. Jansen Inst., Univ. Amsterdam, Amsterdam, Neth.
SO Journal of Bacteriology (1977), 129(2), 630-9
CODEN: JOBAAY; ISSN: 0021-9193
DT Journal
LA English

STN search summary
10/812315

21
EC
S

=> d his

(FILE 'HOME' ENTERED AT 13:50:48 ON 24 APR 2006)

FILE 'REGISTRY' ENTERED AT 13:51:01 ON 24 APR 2006

L1 4 S(GALACTOSE PERMEASE / C N)

L2 32 S THREONINE DEHYDROGENASE

L3 1 S L2 AND COLI

L4 0 S THRABC

L5 4 S THREONINE OPERON

FILE 'CAPLUS' ENTERED AT 13:59:24 ON 24 APR 2006

L6 1 S 39279-39-5/RN

FILE 'REGISTRY' ENTERED AT 14:01:41 ON 24 APR 2006

L7 1 S 39279-39-5/RN

SET NOTICE 1 DISPLAY

SET NOTICE LOGIN DISPLAY

FILE 'CAPLUS' ENTERED AT 14:02:10 ON 24 APR 2006

L8 1 S 39279-39-5/RN

FILE 'REGISTRY' ENTERED AT 14:04:54 ON 24 APR 2006

L9 1 S 39279-39-5/RN

L10 1 S 9067-99-6/RN

FILE 'CAPLUS' ENTERED AT 14:05:30 ON 24 APR 2006

L11 1 S L9

L12 226 S L10

L13 55019 S GALACTOSE

L14 3332 S PERMEASE

L15 207 S L13 AND L14

L16 0 S L15 AND ENTEROBACTER?

L17 119 S L15 AND COLI

L18 0 S L17 AND (AMINO AND PRODUCTION AND ISOLATION)

L19 5 S L17 AND THREONINE

L20 13 S L15 AND GALP

L21 60 S THRABC

L22 55 S L21 AND THREONINE

=> d L1 1-4

L1 ANSWER 1 OF 4 REGISTRY COPYRIGHT 2006 ACS on STN

RN 752887-24-4 REGISTRY

ED Entered STN: 27 Sep 2004

CN Galactose transporter (Saccharomyces mikatae strain IFO-1815-(ex-type)
gene GAL2) (9CI) (CA INDEX NAME)

OTHER NAMES:

CN Galactose permease (Saccharomyces mikatae strain IFO-1815-(ex-type)
gene GAL2)

CN GenBank AAU43755

CN GenBank AAU43755 (Translated from: GenBank AY740034)

FS PROTEIN SEQUENCE

MF Unspecified

CI MAN

SR GenBank

LC STN Files: CA, CAPLUS

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

*** USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE ***

1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L1 ANSWER 2 OF 4 REGISTRY COPYRIGHT 2006 ACS on STN

RN 395118-31-7 REGISTRY

ED Entered STN: 25 Feb 2002

CN Galactose-transporting protein (Lactococcus lactis strain MG1363 gene
gala) (9CI) (CA INDEX NAME)

OTHER NAMES:

CN Galactose permease (Lactococcus lactis strain MG1363 gene galP)

CN GenBank CAB44214

CN GenBank CAB44214 (Translated from: GenBank AJ011653)

FS PROTEIN SEQUENCE

MF Unspecified

CI MAN

SR CA

LC STN Files: CA, CAPLUS

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
*** USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE ***
2 REFERENCES IN FILE CA (1907 TO DATE)
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L1 ANSWER 3 OF 4 REGISTRY COPYRIGHT 2006 ACS on STN
RN 384380-84-1 REGISTRY
ED Entered STN: 19 Jan 2002
CN Galactose-hydrogen-ion-cotransporting protein (Lactobacillus brevis gene galP) (9CI) (CA INDEX NAME)
OTHER NAMES:
CN Galactose permease (Lactobacillus brevis gene galP)
CN GenBank AAK54067
CN GenBank AAK54067 (Translated from: GenBank AF343445)
FS PROTEIN SEQUENCE
MF Unspecified
CI MAN
SR CA
LC STN Files: CA, CAPLUS

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
*** USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE ***
1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L1 ANSWER 4 OF 4 REGISTRY COPYRIGHT 2006 ACS on STN
RN 39279-39-5 REGISTRY *
* Use of this CAS Registry Number alone as a search term in other STN files may result in incomplete search results. For additional information, enter HELP RN* at an online arrow prompt (=>).
ED Entered STN: 16 Nov 1984
CN Proteins, specific or class, galactose-transporting (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN Transport proteins, galactose transporter
CN Transport proteins, galactose-transporting
OTHER NAMES:
CN Galactose permease
CN Galactose transporters
CN Permease, galactose
MF Unspecified
CI MAN, CTS
LC STN Files: AGRICOLA, BIOSIS, CA, CAPLUS, MEDLINE, TOXCENTER

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> d L8

L8 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2006 ACS on STN
AN 1986:201445 CAPLUS
DN 104:201445
TI GAL2 codes for a membrane-bound subunit of the galactose permease in Saccharomyces cerevisiae
AU Tschopp, Juerg F.; Emr, Scott D.; Field, Charles; Schekman, Randy
CS Dep. Biochem., Univ. California, Berkeley, CA, USA
SO Journal of Bacteriology (1986), 166(1), 313-18
CODEN: JOBAAAY; ISSN: 0021-9193
DT Journal
LA English

=> d L19 1-5

L19 ANSWER 1 OF 5 CAPLUS COPYRIGHT 2006 ACS on STN
AN 2004:201395 CAPLUS
DN 140:248119
TI Genome-wide gene expression analysis with DNA chips for the characterization of glucose-overflow metabolism in Escherichia coli
AU Polen, Tino
CS Germany
SO Schriften des Forschungszentrums Juelich, Lebenswissenschaften/Life Sciences (2003), 5, a, 1-101
CODEN: SFLSF9; ISSN: 1433-5549
PB Forschungszentrum Juelich GmbH
DT Journal
LA German
RE.CNT 139 THERE ARE 139 CITED REFERENCES AVAILABLE FOR THIS RECORD

ALL CITATIONS AVAILABLE IN THE RE FORMAT

L19 ANSWER 2 OF 5 CAPLUS COPYRIGHT 2006 ACS on STN
 AN 2000:679263 CAPLUS
 DN 134:188814
 TI Re-annotating the Mycoplasma pneumoniae genome sequence: adding value, function and reading frames
 AU Dandekar, Thomas; Huynen, Martijn; Regula, Jorg Thomas; Ueberle, Barbara; Zimmermann, Carl Ulrich; Andrade, Miguel A.; Doerks, Tobias; Sanchez-Pulido, Luis; Snel, Berend; Suyama, Mikita; Yuan, Yan P.; Herrmann, Richard; Bork, Peer
 CS EMBL, Heidelberg, D-69012, Germany
 SO Nucleic Acids Research (2000), 28(17), 3278-3288
 CODEN: NARHAD; ISSN: 0305-1048
 PB Oxford University Press
 DT Journal
 LA English
 RE.CNT 44 THERE ARE 44 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L19 ANSWER 3 OF 5 CAPLUS COPYRIGHT 2006 ACS on STN
 AN 1995:295502 CAPLUS
 DN 122:154469
 TI Protein structural similarities predicted by a sequence-structure compatibility method
 AU Matsuo, Yo; Nishikawa, Ken
 CS Protein Engineering Research Institute, Osaka, 565, Japan
 SO Protein Science (1994), 3(11), 2055-63
 CODEN: PRCIEI; ISSN: 0961-8368
 PB Cambridge University Press
 DT Journal
 LA English

L19 ANSWER 4 OF 5 CAPLUS COPYRIGHT 2006 ACS on STN
 AN 1989:568409 CAPLUS
 DN 111:168409
 TI Sequence and structure of the yeast galactose transporter
 AU Szkutnicka, Krystyna; Tschopp, Juerg F.; Andrews, Lori; Cirillo, Vincent P.
 CS Dep. Biochem., State Univ. New York, Stony Brook, NY, 11794, USA
 SO Journal of Bacteriology (1989), 171(8), 4486-93
 CODEN: JOBAAY; ISSN: 0021-9193
 DT Journal
 LA English

L19 ANSWER 5 OF 5 CAPLUS COPYRIGHT 2006 ACS on STN
 AN 1970:40054 CAPLUS
 DN 72:40054
 TI L-arabinose binding protein and arabinose permeation in Escherichia coli
 AU Schleif, Robert
 CS Harvard Univ., Cambridge, MA, USA
 SO Journal of Molecular Biology (1969), 46(1), 185-96
 CODEN: JMOBAK; ISSN: 0022-2836
 DT Journal
 LA English

=> d L20 1-13

L20 ANSWER 1 OF 13 CAPLUS COPYRIGHT 2006 ACS on STN
 AN 2005:1335889 CAPLUS
 DN 144:272707
 TI Expression of galactose permease and pyruvate carboxylase in Escherichia coli ptsG mutant increases the growth rate and succinate yield under anaerobic conditions
 AU Wang, Qingzhao; Wu, Chanyuan; Chen, Tao; Chen, Xun; Zhao, Xueming
 CS Department of Biochemical Engineering, School of Chemical Engineering and Technology, Tianjin University, Tianjin, 300072, Peop. Rep. China
 SO Biotechnology Letters (2006), 28(2), 89-93
 CODEN: BILED3; ISSN: 0141-5492
 PB Springer
 DT Journal
 LA English
 RE.CNT 15 THERE ARE 15 CITED REFERENCES AVAILABLE FOR THIS RECORD
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L20 ANSWER 2 OF 13 CAPLUS COPYRIGHT 2006 ACS on STN
 AN 2004:665499 CAPLUS
 DN 141:394135
 TI Metabolic engineering and protein directed evolution increase the yield of

L-phenylalanine synthesized from glucose in *Escherichia coli*
 AU Baez-Viveros, Jose Luis; Osuna, Joel; Hernandez-Chavez, Georgina; Soberon, Xavier; Bolivar, Francisco; Gosset, Guillermo
 CS Departamento de Ingenieria Celular y Biocatalisis, Instituto de Biotecnologia, Universidad Nacional Autonoma de Mexico, Morelos, 62250, Mex.
 SO Biotechnology and Bioengineering (2004), 87(4), 516-524
 CODEN: BIBIAU; ISSN: 0006-3592
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 LA English
 RE.CNT 33 THERE ARE 33 CITED REFERENCES AVAILABLE FOR THIS RECORD
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L20 ANSWER 3 OF 13 CAPLUS COPYRIGHT 2006 ACS on STN
 AN 2004:177143 CAPLUS
 DN 140:353571
 TI In silico and transcriptional analysis of carbohydrate uptake systems of *Streptomyces coelicolor* A3(2)
 AU Bertram, Ralph; Schlicht, Maximilian; Mahr, Kerstin; Nothhaft, Harald; Saier, Milton H., Jr.; Titgemeyer, Fritz
 CS Lehrstuhl fuer Mikrobiologie, Friedrich-Alexander-Universitaet Erlangen-Nuernberg, Erlangen, 91058, Germany
 SO Journal of Bacteriology (2004), 186(5), 1362-1373
 CODEN: JOBAAY; ISSN: 0021-9193
 PB American Society for Microbiology
 DT Journal
 LA English
 RE.CNT 66 THERE ARE 66 CITED REFERENCES AVAILABLE FOR THIS RECORD
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L20 ANSWER 4 OF 13 CAPLUS COPYRIGHT 2006 ACS on STN
 AN 2003:643336 CAPLUS
 DN 139:291159
 TI Altered Glucose Transport and Shikimate Pathway Product Yields in *E. coli*
 AU Yi, Jian; Draths, K. M.; Li, Kai; Frost, J. W.
 CS Department of Chemistry, Michigan State University, East Lansing, MI, 48824, USA
 SO Biotechnology Progress (2003), 19(5), 1450-1459
 CODEN: BIPRET; ISSN: 8756-7938
 PB American Chemical Society
 DT Journal
 LA English
 RE.CNT 52 THERE ARE 52 CITED REFERENCES AVAILABLE FOR THIS RECORD
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L20 ANSWER 5 OF 13 CAPLUS COPYRIGHT 2006 ACS on STN
 AN 2003:638387 CAPLUS
 DN 139:322360
 TI Expression of galP and glk in a *Escherichia coli* PTS mutant restores glucose transport and increases glycolytic flux to fermentation products
 AU Hernandez-Montalvo, Veronica; Martinez, Alfredo; Hernandez-Chavez, Georgina; Bolivar, Francisco; Valle, Fernando; Gosset, Guillermo
 CS Departamento de Microbiologia Molecular, Instituto de Biotecnologia, Universidad Nacional Autonoma de Mexico, UNAM AP 510-3, Cuernavaca, Morelos, 62271, Mex.
 SO Biotechnology and Bioengineering (2003), 83(6), 687-694
 CODEN: BIBIAU; ISSN: 0006-3592
 PB John Wiley & Sons, Inc.
 DT Journal
 LA English
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L20 ANSWER 6 OF 13 CAPLUS COPYRIGHT 2006 ACS on STN
 AN 2003:85947 CAPLUS
 DN 138:315512
 TI Characterization, expression, and mutation of the *Lactococcus lactis* galPMKTE genes, involved in galactose utilization via the Leloir pathway
 AU Grossiord, Benoit P.; Luesink, Evert J.; Vaughan, Elaine E.; Arnaud, Alain; de Vos, Willem M.
 CS NIZO Food Research, Wageningen University, Wageningen, 6703 CT, Neth.
 SO Journal of Bacteriology (2003), 185(3), 870-878
 CODEN: JOBAAY; ISSN: 0021-9193
 PB American Society for Microbiology
 DT Journal
 LA English
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L20 ANSWER 7 OF 13 CAPLUS COPYRIGHT 2006 ACS on STN
 AN 2002:357255 CAPLUS

DN 137:106231
TI Analysis of carbon metabolism in Escherichia coli strains with an inactive
phosphotransferase system by ¹³C labeling and NMR Spectroscopy
AU Flores, S.; Gosset, G.; Flores, N.; de Graaf, A. A.; Bolivar, F.
CS Departamento de Microbiologia Molecular, Instituto de Biotecnologia,
Universidad Nacional Autonoma de Mexico, Cuernavaca, 62250, Mex.
SO Metabolic Engineering (2002), 4(2), 124-137
CODEN: MEENFM; ISSN: 1096-7176
PB Elsevier Science
DT Journal
LA English
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ALL CITATIONS AVAILABLE IN THE RE FORMAT

L20 ANSWER 8 OF 13 CAPLUS COPYRIGHT 2006 ACS on STN
AN 2001:335303 CAPLUS
DN 136:64949
TI Genes involved in control of galactose uptake in Lactobacillus
brevis and reconstitution of the regulatory system in Bacillus subtilis
AU Djordjevic, Gordana M.; Tchieu, Jason H.; Saier, Milton H., Jr.
CS Department of Biology, University of California at San Diego, La Jolla,
CA, 92093, USA
SO Journal of Bacteriology (2001), 183(10), 3224-3236
CODEN: JOBAAY; ISSN: 0021-9193
PB American Society for Microbiology
DT Journal
LA English
RE.CNT 46 THERE ARE 46 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L20 ANSWER 9 OF 13 CAPLUS COPYRIGHT 2006 ACS on STN
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